

AGENDA

Redwood National and State Parks Marine Monitoring Scoping Workshop January 27-28, 2004

Tuesday, January 27

- 8:30 am Welcome—Bill Pierce, National Park Superintendent, Redwood National and State Parks
Rick Sermon, State Park Superintendent, Redwood National and State Parks
- 8:40a Introductions/announcements/moderator for presentations/ (Terry Hofstra)
- 9:00a Overview of Klamath Network Inventory & Monitoring (I&M) marine ecosystem component (Dr. Penny Latham, Dr. Daniel Sarr)
Goals of Scoping Session (Howard Sakai)
- 9:20a RNSP's coastline: legislation/jurisdiction (H. Sakai), Aerial panorama (Greg Holm)
- Existing knowledge of marine ecosystem resources:**
- 9:40a Intertidal/subtidal zones Dr. Milton Boyd and Dr. John DeMartini
- 10:10a Marine mammals/seabirds (Keith Bensen)
- 10:20a BREAK
- 10:40a Ocean processes (seasonal conditions, tides, currents, Klamath River plume) – (Dr. Greg Crawford)
- 10:55a Geology: Descriptive overview - (Dr. Jeff Borgeld)
- 11:05a Summary of CA Regional Water Quality Control Board 2003 report (Howard Sakai)
- 11:10a Estuaries (Redwood Creek and Klamath River) (David Anderson)
- Overview of Current Marine Programs:**
- 11:20a On-going park programs (Greg Holm)
- 11:30a Intertidal/subtidal I&M programs (Dr. Tim Mulligan/Karah Cox graduate student, Dr. Sean Craig/Cara McGary graduate student)
- 11:50a Water quality research in Crescent City (Dr. Boyd/ Karen Warburton graduate student)
- 12:00 Noon **LUNCH**
- Park Stressors** (Potential stressors identified by park staff) to:
- 1:00p 1. Natural resources (Kristin Schmidt)
- 1:10p 2. Cultural resources (Karin Anderson)
- 1:20p 3. Other stressors? (All participants)
- 1:40p Scoping Process: an overview (Gary Davis, facilitator)
- 2:00p Workgroups (Determine WHAT stressors/indicators and WHY chosen) NOTE: Break-out groups will be determined by attendees.
- 3:00p BREAK
- 3:15p Continue in workgroups
- 4:25p Tomorrow's agenda
- 4:30p Adjourn

Wednesday, January 28

- 8:00a Workgroups present summaries of stressors/indicators/rationale
- 8:30a Workgroups (Begin work on the WHERE, WHEN, and HOW). Relate to goals (especially identifying levels of change needed, developing information necessary for writing project proposals or monitoring, Include data management in discussion?, etc.)
- 10:00a BREAK
- 10:20a Continue workgroup scoping
- 11:30a Present workgroup summaries
- 12:00 Noon LUNCH
- 1:00p Present workgroup summaries
- 1:30p Integrate workgroup comments into an overall conceptual model or ?
- 2:45p Summarize findings of Scoping Session
- 3:30p Closeout and Adjourn

RNSP WORKSHOP GOALS:

- 1. Determine conditions of current and future marine ecosystem integrity**
- 2. Identify the stressors that cause abnormal conditions of marine ecosystem health**
- 3. Identify indicators (vital signs) useful for providing early warnings of impending abnormal conditions of marine ecosystem health**
- 4. Identify the level of change needed to detect abnormal conditions**
- 5. Develop information necessary to write project statements for either inventories (for resources too poorly known to identify potential vital signs) or monitoring design studies for the vital signs identified during the workshop**

LIST OF PARTICIPANTS

<u>Name</u>	<u>Affiliation</u>
Dr. Sarah Allen	NPS, Senior Science Advisor, Point Reyes National Seashore
David Anderson	RNSP, Fish & Wildlife
Karin Anderson	RNSP, Cultural
Leonel Arguello	RNSP, Vegetation
Dr. Rebecca Beavers	NPS Geologic Resources Division, Denver, CO.
Bonnie Becker	NPS, Cabrillo National Monument
Keith Bensen	RNSP, Fish & Wildlife
David Best	RNSP, GIS
Dr. Jeff Borgeld	Humboldt State University, Oceanography Dept.
Dr. Milton Boyd	Humboldt State University, Biology Dept.
Dr. Mark Colwell	Humboldt State University, Wildlife Dept.
Karah Cox	Humboldt State University, graduate student, Fisheries Dept.
Dr. Sean Craig	Humboldt State University, Biology Dept.
Dr. Greg Crawford	Humboldt State University, Oceanography Dept.
Dr. Gary Davis	NPS, Channel Islands National Park/Washington D.C.
Dr. John DeMartini	Humboldt State University, Biology Dept
Marie Denn	NPS, Point Reyes National Seashore
Jeff Denny	RNSP, Interpretation
Dr. Walt Duffy	HSU, California Cooperative Fishery Research Unit.
Corky Farley	RNSP, Ranger
Dr. Steven Fradkin	NPS, Olympic National Park
Dr. Thomas Gates	Yurok Tribe, Cultural
Valerie Gizinski	RNSP, CDPR Ecologist
Dr. Richard Golightly	Humboldt State University, Wildlife Dept.
Chris Heppe	RNSP, Geology
Dave Hillemeier	Yurok Tribe, Fisheries
Monica Hiner	Yurok Tribe, Fisheries
Terry Hines	RNSP, Fish & Wildlife
Terry Hofstra	RNSP, Chief Resource and Science Division
Baker Holden	RNSP, Fish & Wildlife
Gregory Holm	RNSP, Fish & Wildlife
Dr. Penny Latham	NPS, Pacific West Region, Seattle, WA
Dr. Mary Ann Madej	USGS, Arcata, CA
Kyle Max	RNSP, Fish & Wildlife
Jeanne Mayer	RNSP, Fish & Wildlife
Kim McFarland	RNSP, Cultural
Cara McGary	Humboldt State University, graduate student, Biology Dept.
Katie McGourty	Humboldt State University, Fisheries Dept.
John Mello	California Dept. of Fish and Game
Dr. Rhea Muchow	University of California, Davis, CA
Dr. Tim Mulligan	Humboldt State University, Fisheries Dept.
Bow O'Barr	RNSP, Cultural
Vicki Ozaki	RNSP, Geology
Aida Parkinson	RNSP, Compliance
Bill Pierce	RNSP, Superintendent National Park
Howard Sakai	RNSP, Fish & Wildlife
Dr. Daniel Sarr	NPS, Klamath I&M Network, Ashland, OR
Kristin Schmidt	RNSP, Fish & Wildlife
Dr. Frank Shaughnessy	Humboldt State University, Biology Dept
Richard Sermon	RNSP, Superintendent State Park
Terry Spreiter	RNSP, Geology
Rebecca Studebaker	Humboldt State University, Fisheries Dept.
Momoko Suzuki	RNSP, Vegetation
Wataru Suzuki	RNSP, Vegetation
Jim Tilmant	NPS Water Resources Division, Ft. Collins, CO.
Bob Truitt	NPS, Klamath I&M Network, Ashland, OR
Patrick Vaughan	California Dept. of Parks and Recreation
Mike Wallace	California Dept. of Fish and Game
Karen Warburton	Humboldt State University graduate student, Biology Dept.
Jim Wheeler	RNSP, Interpretation